| L Number | Hits | | DB | Time stamp |
|----------|--------|--|------------------------|------------------|
| 1 | 4306 | (gas near6 turbine near6 engine)and (fuel near6 control\$4) | USPAT; | 2004/04/07 09:25 |
| | 1 | neare control\$4) | US-PGPUB; | |
| | | | EPO; JPO; DERWENT; | |
| | | - | IBM TDB | |
| 2 | 32 | (gas near6 generator near6 speed) and (engine | USPAT; | 2004/04/07 08:01 |
| | | near6 compressor near6 discharg\$4 near6 | US-PGPUB; | |
| | | pressure) | EPO; JPO; | |
| | | | DERWENT; | |
| 5 | 258 | /F11 | IBM_TDB | |
| | 256 | (fuel same combustion same gas)and (heat near6 transfer\$5)and (engine near6 metal) | USPAT; | 2004/04/07 07:55 |
| | | nearo cransferss, and (engine hears metal) | US-PGPUB; | |
| | | | EPO; JPO; DERWENT; | |
| | | | IBM TDB | |
| 6 | 2 | (((gas near6 turbine near6 engine)and (fuel | USPAT; | 2004/04/07 07:55 |
| | | near6 control\$4)) and ((gas near6 generator | US-PGPUB; | |
| | | near6 speed) and (engine near6 compressor | EPO; JPO; | |
| | | near6 discharg\$4 near6 pressure))) and | DERWENT; | |
| | | ((fuel same combustion same gas) and (heat | IBM_TDB | |
| 7 | 2 | near6 transfer\$5) and (engine near6 metal)) | | |
| • | | ((gas near6 turbine near6 engine)and (fuel near6 control\$4)) and (((gas near6 turbine | USPAT; | 2004/04/07 07:55 |
| | | near6 engine) and (fuel near6 control\$4)) and | US-PGPUB; EPO; JPO; | |
| | | ((gas near6 generator near6 speed) and | DERWENT; | |
| | | (engine near6 compressor near6 discharg\$4 | IBM TDB | |
| | | near6 pressure))) and ((fuel same combustion | _ | |
| | | same gas) and (heat near6 transfer\$5) and | | |
| | 1044 | (engine near6 metal))) | | |
| В | , 1044 | (heat near6 transfer\$5) and (engine near6 metal) | USPAT; | 2004/04/07 07:56 |
| | ļ | mecal) | US-PGPUB; | |
| | | | EPO; JPO; DERWENT; | |
| | | | IBM TDB | |
| 10 | 259 | (gas near6 turbine near6 engine)and (fuel | USPAT; | 2004/04/07 07:56 |
| | | near6 control\$4) and (engine near6 fuel near6 | US-PGPUB; | |
| | | demand\$4) | EPO; JPO; | |
| | | | DERWENT; | |
| 11 | 30 | (combustion near6 gas)same(heat near6 | IBM_TDB | 0004/04/05 |
| |] | transfer\$5) same (engine near6 metal) | USPAT; US-PGPUB; | 2004/04/07 07:57 |
| | ` | | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM TDB | |
| L2 | 4 | | USPAT; | 2004/04/07 07:57 |
| | | near6 control\$4) and (engine near6 fuel near6 | US-PGPUB; | |
| | | demand\$4)) and ((combustion near6 | EPO; JPO; | |
| | | gas)same(heat near6 transfer\$5)same (engine near6 metal)) | DERWENT; | |
| L5 | 12 | (gas near6 generator near6 speed) and (engine | IBM_TDB USPAT; | 2004/04/07 00 00 |
| | | near6 compressor near6 discharg\$4 near6 | US-PGPUB; | 2004/04/07 08:02 |
| | | pressure) and (engine same fuel same | EPO; JPO; | |
| | | demand\$4) | DERWENT; | |
| | | | IBM_TDB | |
| .4 | 6 | (gas near6 generator near6 speed) and (engine | USPAT; | 2004/04/07 08:13 |
| | | near6 compressor near6 discharg\$4 near6 | US-PGPUB; | |
| | | pressure) and (engine near6 fuel near6 | EPO; JPO; | |
| | | demand\$4) | DERWENT; | |
| 13 | 4 | (combustion near6 gas)same(heat near6 | IBM_TDB | 2004/04/07 00 5 |
| | + | transfer\$5)same (engine near6 metal)and | USPAT; US-PGPUB; | 2004/04/07 08:14 |
| | | (engine near6 fuel near6 demand\$5) | EPO; JPO; | |
| | | | DERWENT; | |
| | ľ | | IBM TDB | |
| ' | 28 | ((gas near6 turbine near6 engine) and (fuel | USPAT; | 2004/04/07 08:15 |
| | | near6 control\$4)) and ((heat near6 | US-PGPUB; | |
| | | transfer\$5)and (engine near6 metal)) | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM TDB | |

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| <i>i</i> | | | | |
|----------|-----|---|--|------------------|
| 4 | 17 | initial near6 engine near6 fuel near6 demand\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 08:19 |
| 3 | 28 | ((gas near6 turbine near6 engine)and (fuel near6 control\$4)) and ((gas near6 generator near6 speed)and (engine near6 compressor near6 discharg\$4 near6 pressure)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 08:32 |
| 20 | 13 | (effective near6 fuel near6 flow\$4)and (heat near6 transfer\$5)and (engine near6 fuel near6 demand\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/07 08:41 |
| 19 | 77 | (fuel near6 combustion near6 gas)and (heat near6 transfer\$5)and (engine near6 fuel near6 demand\$4) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 08:53 |
| 21 | 0 | (gas near6 generator near6 speed)and (actual near6 chang\$5 near6 rate) and ((maximum or minimum)near6 desired near6 chang\$5 near6 rate) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 08:56 |
| 22 | 35 | gas near6 generator near6 speed near6 chang\$5 near6 rate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 09:12 |
| 23 | 369 | (gas near6 turbine) and (engine near6 fuel near6 demand\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/07 09:17 |
| 24 | 5 | (gas near6 turbine)and (engine near6 fuel near6 demand\$6)and (engine near6 metal)and (fuel near6 flow near6 adjust\$5) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/07 09:14 |
| 25 | 4 | (gas near6 turbine) and (engine near6 fuel near6 demand\$6) and (gas near6 generator near6 speed near6 chang\$5 near6 rate) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/07 09:17 |
| 26 | 8 | (gas near6 turbine)and (engine near6 fuel near6 demand\$6)and (gas same generator same speed same chang\$5 same rate) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/07 09:22 |
| 27 | 8 | (engine near6 fuel near6 demand\$6)and (effective near6 fuel near6 flow near6 adjust\$5) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 09:23 |
| 28 | 31 | (gas near6 turbine)and (engine near6 fuel near6 demand\$5)and (engine near6 gas near6 generator) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 09:26 |
| 29 | 12 | (gas near6 turbine)and (engine near6 fuel near6 demand\$5)and (engine near6 gas near6 generator near5 speed) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 09:26 |
| 30 | 7 | (combustion same gas same heat same transfer\$4 same engine same metal)and (engine near6 fuel near6 demand\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/07 09:34 |

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| • | | | | |
|----|------|---|-----------|------------------|
| 31 | 23 | (gas near6 turbine near6 engine) and (fuel | USPAT; | 2004/04/07 09:44 |
| | | same control) and (heat near6 transfer\$5) and | US-PGPUB; | |
| | | (gas near6 generator near6 speed) | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |
| 32 | 0 | (gas near6 turbine near6 engine)and (maximum | USPAT; | 2004/04/07 09:45 |
| | | near6 desire\$4 near6 rate near6 chang\$5 | US-PGPUB; | |
| | | near6 gas near6 generator near6 speed) | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |
| 33 | 8722 | (gas near6 turbine near6 engine)and (maximum rate near6 chang\$5 near6 gas near6 generator near6 speed) | USPAT; | 2004/04/07 09:46 |
| | | | US-PGPUB; | |
| | | | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |
| 34 | 2 | (gas near6 turbine near6 engine) and (maximum | USPAT; | 2004/04/07 09:46 |
| | | near6 rate near6 chang\$5 near6 gas near6 | US-PGPUB; | |
| | | generator near6 speed) | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |
| 36 | 10 | (gas near6 turbine near6 engine)and (minimum same rate same chang\$5 same gas same | USPAT; | 2004/04/07 09:47 |
| | | | US-PGPUB; | |
| | | generator same speed) | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |
| 35 | 21 | (gas near6 turbine near6 engine)and (maximum same rate same chang\$5 same gas same | USPAT; | 2004/04/07 09:51 |
| | | | US-PGPUB; | |
| | | generator same speed) | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |

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